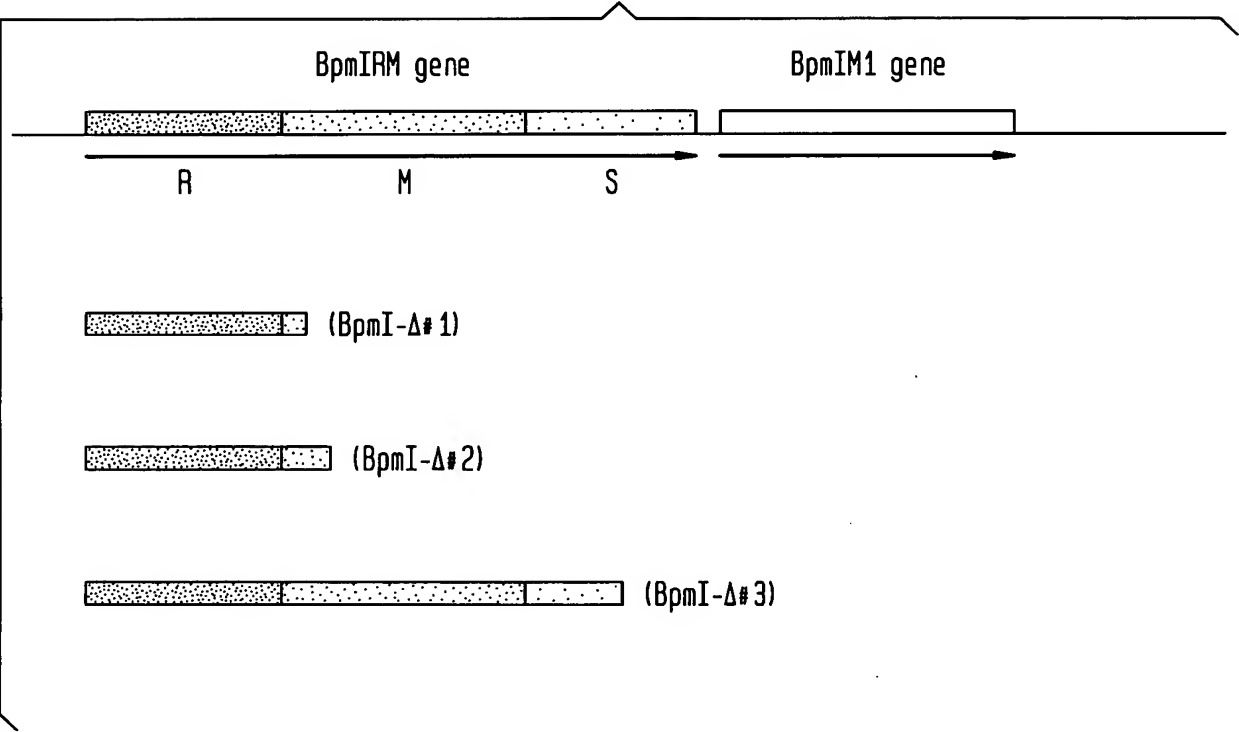




FIG. 1





	TTTACAGAAAATGATTTCATGAAAAATCAATTGGAACAAAAGGCCAATTCACCTATTTTTG	
1021	+-----+-----+-----+-----+-----+	1080
	F T E N D F H E N S M E Q K A I H L F L	
	CCACCAGATGAAGATTTTGAAAAGTTACCGATTGAGTGTCAAATTATATCAAGTATGGG	
1081	+-----+-----+-----+-----+-----+	1140
	P P D E D F E K L P I E C Q N Y I K Y G	
	GAGAAAAAGGCTTCCATCAAGGCATAAACCCAGAATTAGAAAACGTTGGTATATAACT	
1141	+-----+-----+-----+-----+-----+	1200
	E E K G F H Q G Y K T R I R K R W Y I T	
	CCATCTAGATGGGTTCCAGATGCTTTTGCTTAAGACAGGTTGATGGCTATCCAAAACATA	
1201	+-----+-----+-----+-----+-----+	1260
	P S R W V P D A F A L R Q V D G Y P K L	
	ATTTTAAATGAAACCGACGCTTCTTCTACTGATACAATTCATAGGGTTAGATTTAAAGAA	
1261	+-----+-----+-----+-----+-----+	1320
	I L N E T D A S S T D T I H R V R F K E	
	GGTATAAATGAAAAGTTAGCCGTAGTTTCATTTTTGAACCTCACTCACTTTTGCATCTTCA	
1321	+-----+-----+-----+-----+-----+	1380
	G I N E K L A V V S F L N S L T F A S S	
	GAAATAACGGGGAGAAGTTATGGTGGTGGTGTATGACATTCGAACCAACTGAAATTGGA	
1381	+-----+-----+-----+-----+-----+	1440
	E I T G R S Y G G G V M T F E P T E I G	
	GAAATCCTAATACCTTCCTTTGATAACTTATCCATTGATTTTGATAAAATTGATGCCTTA	
1441	+-----+-----+-----+-----+-----+	1500
	E I L I P S F D N L S I D F D K I D A L	
	ATTCGAGAAAAAGGAGATTGAAAAAGTCCTTGATATTGTTGATGAAGCTTTACTTATAAAA	
1501	+-----+-----+-----+-----+-----+	1560
	I R E K E I E K V L D I V D E A L L I K	
	TATCATGGGTTTAGTGAGAAAGAAGTAAACAGCTTCGAGGGATATGGAAGAACTTTCT	
1561	+-----+-----+-----+-----+-----+	1620
	Y H G F S E K E V K Q L R G I W K K L S	
	CAGAGAAGAAACAATAGAACGAAGAAATAA (SEQ ID NO: 1)	
1621	+-----+-----+-----+	1650
	Q R R N N R T K K * (SEQ ID NO: 2)	

## FIG. 3A

1	ATGCATATAAGTGAGTTAGTAGATAAAATACAAAGCGCATAGAAGTACTTTTTTAAACCA	60
	M H I S E L V D K Y K A H R S T F L K P	
61	ACTTATAATGAAACTCAACTAAGGAATGATTTTATAGACCCACTTCTAAATCTTTAGGA	120
	T Y N E T Q L R N D F I D P L L K S L G	
121	TGGGATGTTGATAATACCAAAGGAAAAACACATATTCTAAGAGATGTCATTCAAGAAGAA	180
	W D V D N T K G K T H I L R D V I Q E E	
181	TACATAGAAATAAAAGATGAGGAGACAAAGAAAAATCCAGATTATACACTTCGTATAAAC	240
	Y I E I K D E E T K K N P D Y T L R I N	
241	GGTACGAGAAAGCTGTTTGTAGAGGTTAAGAAACCGTCTTTAATATTTTGAAATCAGCT	300
	G T R K L F V E V K K P S F N I L K S A	
301	AAAGCAGCCTTCCAAACAAGAAGATATGGTTGGAGTGCTAACCTTGGTATTTTCAGTACTT	360
	K A A F Q T R R Y G W S A N L G I S V L	
361	ACAAATTTTCGAGCATCTAGTTATTTATGATTGTAGATATACGCCTGACAAATCCGACAAAT	420
	T N F E H L V I Y D C R Y T P D K S D N	
421	GAACATATTGCTAGATATAAAGTTTTCTCTTACGAGGAATATGAAGAAGCATTGTGATGAA	480
	E H I A R Y K V F S Y E E Y E E A F D E	
481	ATAAAGGATATAATTTTCATATGAGTCAGCCAACCTCAGGTGCTCTGGACGAAATGTTTGAT	540
	I K D I I S Y E S A N S G A L D E M F D	
541	GTAAATACAAGAGTTGGTGAAACGTTTGACGAGTATTTTTTACAGCAAATTGAGAATTGG	600
	V N T R V G E T F D E Y F L Q Q I E N W	
601	CGCGAAAAGCTAGCTAAAACCTGCAATTAATAAACACCGAATTAGGTGAAGAGGACGTC	660
	R E K L A K T A I K N N T E L G E E D V	
661	AATTTTATTGTCCAAGACTATTAACAGAATTATTTTCTTAGAGTTTGTGAAGATAGA	720
	N F I V Q R L L N R I I F L R V C E D R	
721	ACCATTGAAAAATATGAAACAATTAAGTATAAAAACTATGAGGAATTAAGATCTG	780
	T I E K Y E T I K S I K N Y E E L K D L	
781	TTTCAAAGTCTGATAGGAAATTAATTCAGGTCTCTTTGACTTCATAGATGATACGCTC	840
	F Q K S D R K F N S G L F D F I D D T L	
841	TTGCTTGAGGTTGAAATTGATTGCAATGTATTGATAGAAATTTTAGTGATTTATATTTT	900
	L L E V E I D S N V L I E I F S D L Y F	
901	CCACAAAGCCCATATGATTTTTCTGTTGTGCGATCCAACAATATTAAGCCAGATATATGAA	960
	P Q S P Y D F S V V D P T I L S Q I Y E	
961	CGTTTTCTAGGTCAAGAAATAATTATAGAGTCAGGTGGTACATTTACATTACGGAGTCA	1020
	R F L G Q E I I I E S G G T F H I T E S	

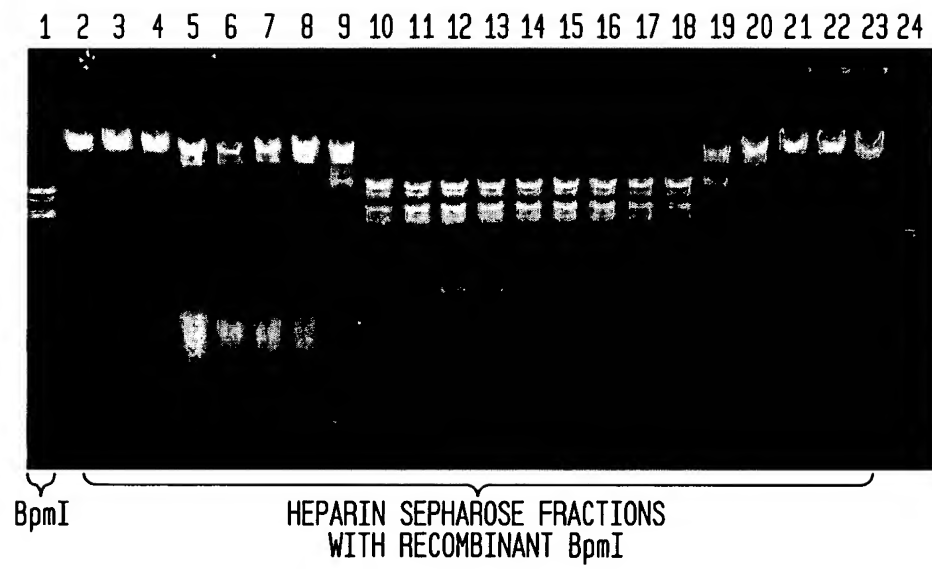


**FIG. 3C**

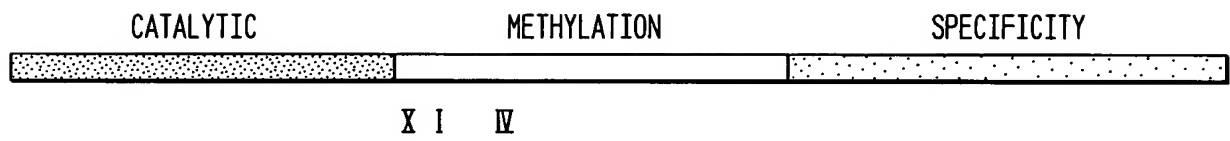
	GAAAAGTATAATTCTGACCCTTGGATATTTTTATCTCCTGAAACAGAAGCTGTTTTACT	
2041	-----+-----+-----+-----+-----+	2100
	E K Y N S D P W I F L S P E T E A V F T	
	AAATTTACAGAAGCTCAATTTGAGAACTTGGAGAAATCACTGATATAAGTGTAGGACTA	
2101	-----+-----+-----+-----+-----+	2160
	K F T E A Q F E K L G E I T D I S V G L	
	CAAACAAGCGCTGATAAAATATATATTTTTATTCTGAAAATGAACTTCAGATACATAT	
2161	-----+-----+-----+-----+-----+	2220
	Q T S A D K I Y I F I P E N E T S D T Y	
	ATATTTAATTATAAAGGGAAAAAGATGAAATAGAAAAATCTATATGTTGCCAGCTATC	
2221	-----+-----+-----+-----+-----+	2280
	I F N Y K G K R Y E I E K S I C C P A I	
	TATGACTTATCTTTTGGTTCTTTTGAAAGCATTGAGGGAATGCACAAATGATATCCCT	
2281	-----+-----+-----+-----+-----+	2340
	Y D L S F G S F E S I Q G N A Q M I F P	
	TATGAAATCAGAGATGAAGAAGCATATCTACTAGAGGAAGAAACGCTTGAAAATGATTAT	
2341	-----+-----+-----+-----+-----+	2400
	Y E I R D E E A Y L L E E E T L E N D Y	
	CCTCTTGCTTGAATTATTTGAATGAGTTTAAAGAAGCTCTTGAAAAAGAAGCTTACAA	
2401	-----+-----+-----+-----+-----+	2460
	P L A W N Y L N E F K E A L E K R S L Q	
	GGCGTAATCCGAAATGGTATCAATATGGTCGGTCCCAAAGTTTATCAAATTCATGAT	
2461	-----+-----+-----+-----+-----+	2520
	G R N P K W Y Q Y G R S Q S L S K F H D	
	AAAGAAAACTGATATGGACCGTACTTGTACGAAACCCCCGTATGTACTTGATAGGAAT	
2521	-----+-----+-----+-----+-----+	2580
	K E K L I W T V L A T K P P Y V L D R N	
	AACCTGTTATTTACTGGTGGTGGAACGGACCGTATTATGGTTTAATTAACCAATCTATT	
2581	-----+-----+-----+-----+-----+	2640
	N L L F T G G G N G P Y Y G L I N Q S I	
	TACTCTTTGCATTATTTTTTAGGTATTCTTTCACATCTGTAATAGAAAGTATGGTAAAA	
2641	-----+-----+-----+-----+-----+	2700
	Y S L H Y F L G I L S H P V I E S M V K	
	GCAAGGGCCAGTGAATTTAGGGGATCATATTATTCTCATGGAAAACAATTTATTGAGAAA	
2701	-----+-----+-----+-----+-----+	2760
	A R A S E F R G S Y Y S H G K Q F I E K	
	ATCCAATTAGAAAGATTGATTTTGATGATCAAGATGAGGTAGACAAATATAATACGGTG	
2761	-----+-----+-----+-----+-----+	2820
	I P I R K I D F D D Q D E V D K Y N T V	
	GTCACAACAGTAGAAAAATTAATTATACTACCGATAGAATTAAGTGAGAGCAATGGA	
2821	-----+-----+-----+-----+-----+	2880
	V T T V E K L I I T T D R I K S E S N G	
	CCCCGGAGGAGAATGTTAAGAAGAAGGTTAGATGCTTTGTCTAATCAACTTATCCAGGTT	
2881	-----+-----+-----+-----+-----+	2940
	P R R R M L R R R L D A L S N Q L I Q V	
	ATTAATGAACTTTATAATATCAGTGACGAAGAATATACGACGTTTGAATGATGAAATG	
2941	-----+-----+-----+-----+-----+	3000
	I N E L Y N I S D E E Y T T V L N D E M	
	TTGACAGCGCGCTTAGGAGAAGAAAAATGA (SEQ ID NO: 3)	
3001	-----+-----+-----+-----+-----+	3030
	L T A A L G E E K * (SEQ ID NO: 4)	

7/12

*FIG. 4*



*FIG. 5*





9/12

*FIG. 6*

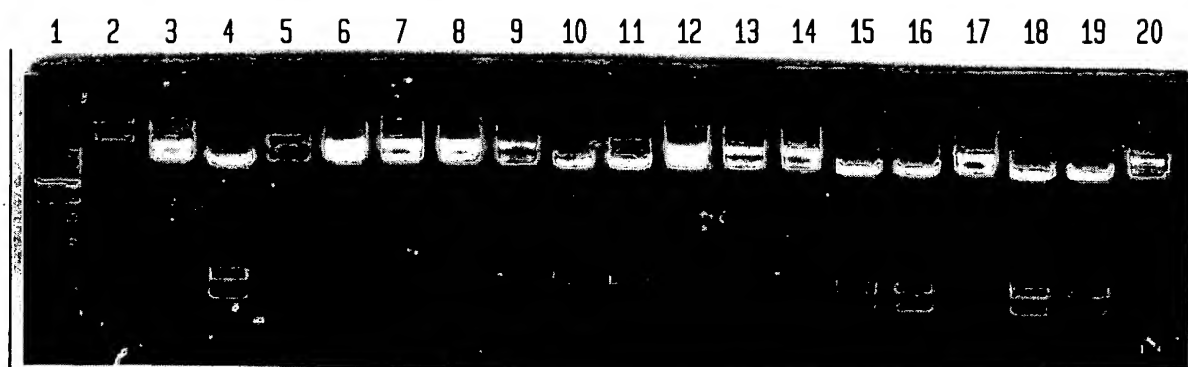
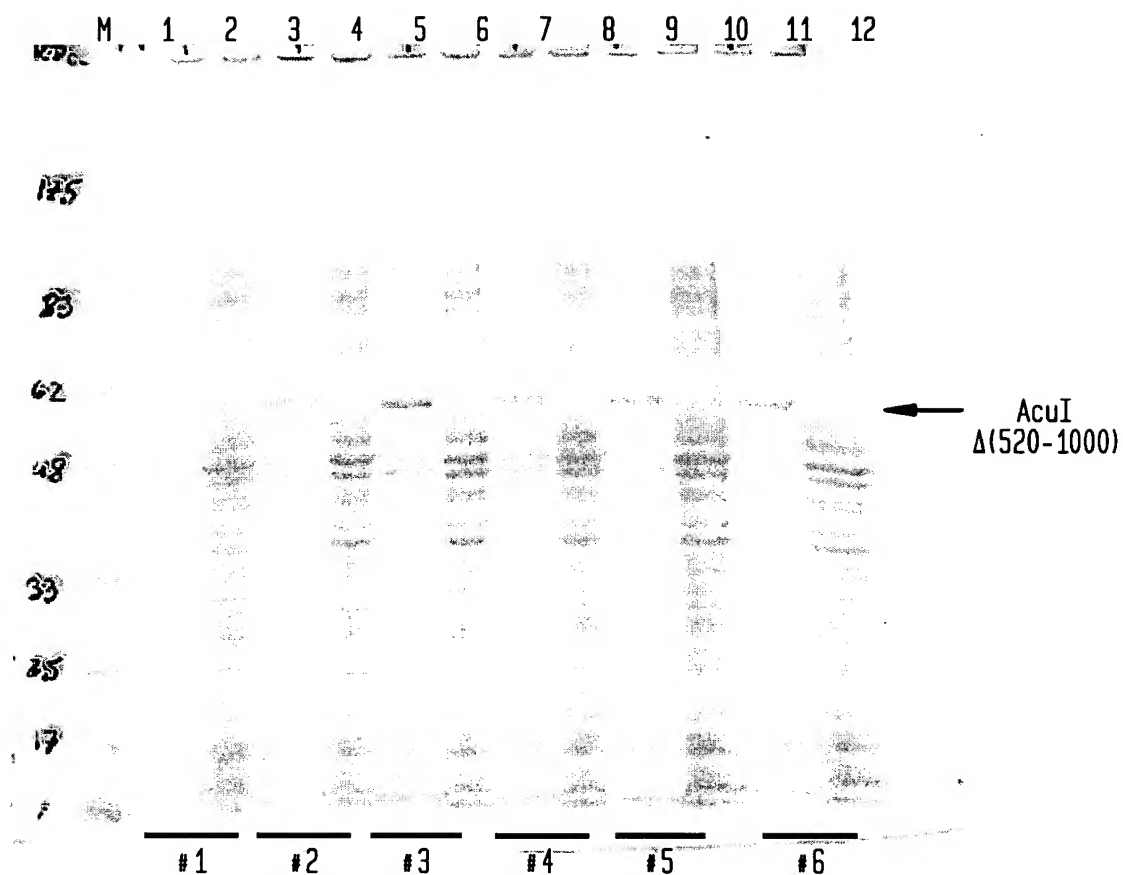
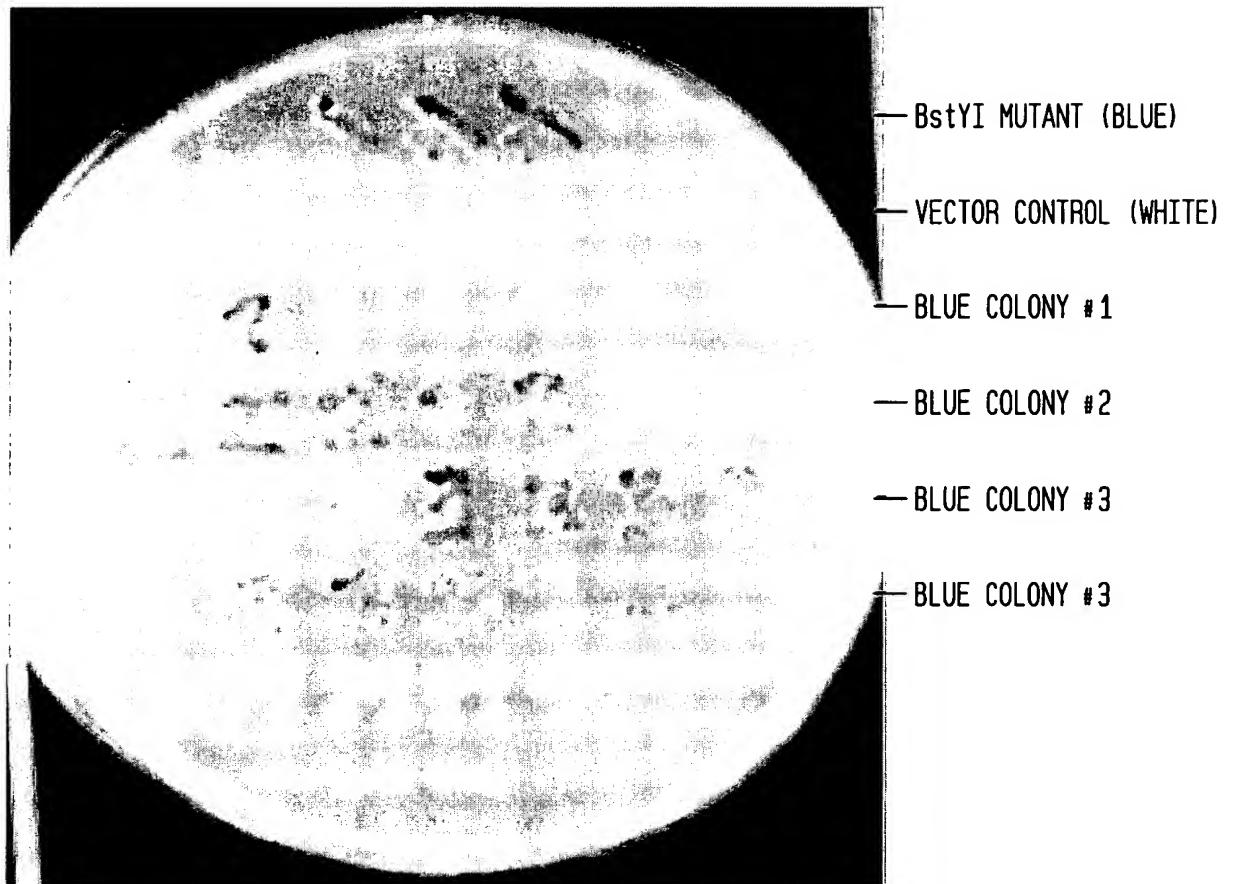


FIG. 7



*FIG. 8*



12/12

FIG. 9

